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Sommario/riassunto	Currently, it is noticed that users tend to choose shorter password as their authentication which can be easily attacked. Biometric technologies such as fingerprint scanning, voice authentication, face recognition, signature, hand geometry and iris recognition is now playing an important role especially in application related to security issue. In this work, we present an approach to generate a unique and more secure cryptographic key from iris template. The iris images are processed to produce iris template or code to be utilized for the encryption and decryption tasks. AES cryptography algorithm are employed to encrypt and decrypt the identity data. Distance metric such as hamming distance and Euclidean distance are used for the template matching identification process. Experimental results show that this system can obtain a higher security with a low false rejection or false acceptance rate.